



REACT & NODE.JS COURSE IN JAIPUR

3 Months Full Stack JavaScript
Development Training





Course Overview

Become a Full Stack Developer with One Language — JavaScript

This 3-month intensive training course is designed to turn you into a **full stack JavaScript developer** using two of the most powerful technologies: **React** for the front-end and **Node.js + Express** for the back-end. You'll also work with **MongoDB** as the database, forming a complete MERN stack foundation.

Whether you're a student, aspiring developer, freelancer, or startup founder, this course equips you with hands-on skills to build modern web applications — from single-page websites to complex data-driven apps.

What You'll Learn

- Build UI components and SPAs with React.js
- State management using hooks and Context API
- Create secure RESTful APIs using Express.js
- Build servers using Node.js with async JavaScript



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www.skillupgrade.in



info@skillupgrade.com



+919358021230



- Design databases with MongoDB and Mongoose
- Perform CRUD operations from front-end to back-end
- Implement authentication with JWT
- Integrate third-party APIs and tools
- Debug, optimize, and deploy full stack applications
- Deploy applications on Vercel, Render & MongoDB Atlas

Who Should Enroll

- Web developers looking to become full stack
- Final-year CS/IT students
- Freelancers and agency developers
- Entrepreneurs building their own product
- Anyone with basic HTML, CSS, and JS knowledge



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Requirements

- Basic understanding of HTML, CSS, and JavaScript
- Laptop/PC with internet access
- Prior programming experience helpful but not mandatory

Course Modules – React & Node.js Developer Roadmap (3 Months)

Month 1: Front-End with React.js

- React environment setup (Vite/CRA)
- JSX, components, props, and state
- Hooks: useState, useEffect, useRef, useContext
- React Router DOM: Routing, dynamic paths
- Form handling, validation, and controlled components
- API calls with Axios
- Styling: Tailwind, Bootstrap or CSS Modules
- Mini Project: Weather App or Blog Front-End



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info@skillupgrade.com



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Month 2: Back-End with Node.js + Express.js

- Node.js fundamentals and non-blocking architecture
- Express.js basics: routes, middleware, and REST APIs
- Environment setup with dotenv
- Connecting APIs to MongoDB with Mongoose
- Data validation and error handling
- Authentication with JWT & cookies
- Role-based access (admin/user)
- Mini Project: Product API or Auth System

Month 3: Full Stack Integration & Deployment

- Integrating React front-end with Express backend
- Connecting to MongoDB Atlas
- Form submissions, API consumption, dynamic rendering
- App architecture and folder structuring
- Deploying front-end on Netlify / Vercel



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info@skillupgrade.com



+919358021230



- Deploying backend on Render / Railway
- Final Capstone Project: Full Stack E-Commerce / Job Portal / Blogging App

Course Highlights

- 100% Practical + Project-Based Learning
- Real Client Projects & GitHub Portfolio
- Career Guidance + Resume Building
- Certificate of Completion
- Interview & Freelance Prep Support

Thank You



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